

ABSTRACT

A method and system for selecting a mobile station active set based, at least in part, on the geographic location of the mobile station. A base station or other entity monitors the mobile station's location. When the location changes, the base station refers to a predefined sector-coverage database to identify as the active set one or more sectors that each encompass the mobile station's location. If more than one sector encompasses the location, the base station may further select as the active set a subset of one or more sectors to which the mobile station is closest.